

# *Executive Proclamation*

## *State of South Dakota*

### *Office of the Governor*

*Whereas*, In 1965, Dr. Ray Davis installed a pioneering neutrino experiment in the Homestake Gold Mine in Lead, South Dakota, and, in 2002, Dr. Davis shared the Nobel Prize for Physics for his discoveries about neutrinos. Thanks to the work of Dr. Davis and others, the National Science Foundation chose Homestake as the site for a national underground laboratory; and,

*Whereas*, Due to the commitment of the South Dakota Legislature, South Dakota's Congressional delegation, Mr. T. Denny Sanford, and a team of scientists from throughout the nation and the world, future experiments are planned for the Sanford Deep Underground Science and Engineering Laboratory at Homestake; and,

*Whereas*, The National Science Foundation, the Department of Energy, and dozens of research institutions, including universities and national laboratories, are supporting the conversion of Homestake into the Sanford Deep Underground Science and Engineering Laboratory; and,

*Whereas*, Research initiatives such as the Long Baseline Neutrino Experiment and the Majorana Experiment to search for neutrinoless double-beta decay will use the Sanford Underground Laboratory to further neutrino research; and,

*Whereas*, Physics experiments, such as the Large Underground Xenon dark-matter detector, will further expand research into the fundamental nature of the universe. Geologists and biologists have begun research, which will make the Sanford Underground Laboratory a unique center for multidisciplinary research; and,

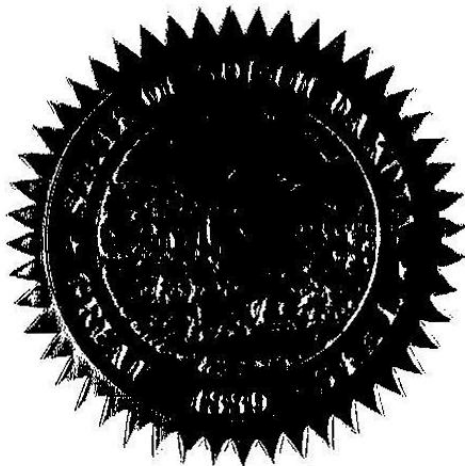
*Whereas*, Discoveries in the coming decades at the Sanford Underground Laboratory will help fuel technological advances for the future:

*Now, Therefore, I, M. Michael Rounds*, Governor of the state of South Dakota, do hereby proclaim July 10, 2010, as

## *NEUTRINO DAY*

in South Dakota.

*In Witness Whereof*, I have hereunto set my hand and caused to be affixed the Great Seal of the state of South Dakota, in Pierre, the Capital City, this Second Day of July in the Year of Our Lord, Two Thousand and Ten.



*M. Michael Rounds*  
M. Michael Rounds, Governor

Attest:

*Chris Nelson*  
Chris Nelson, Secretary of State